

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 7,191,380 B2  
APPLICATION NO. : 10/659892  
DATED : March 13, 2007  
INVENTOR(S) : Philip J. Kuekes et al.

Page 1 of 1

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In column 7, line 12, after “message” delete “u” and insert --  $\mu$ --, therefor.

```
1 1 0 1 0 0 0
1 1 0 1 0 0 1
1 1 0 1 0 1 0
1 1 0 1 0 1 1
```

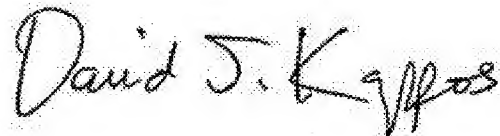
In column 25, line 45, below “1 1 0 0 1 1 1” insert -- --.

```
1 1 0 0 0 1 0 0 0 1 1 1
1 1 0 0 0 1 1 1 1 0 1
1 1 0 0 1 0 0 1 1 1 1
1 1 0 0 1 0 1 0 0 1 0 1
1 1 0 0 1 1 0 1 0 1 0 0
```

```
1 1 0 0 1 1 1 0 1 1 1 0
1 1 0 1 0 0 0 1 0 0 0 0
1 1 0 1 0 0 1 0 1 0 1 0
1 1 0 1 0 1 0 1 1 0 1 1
1 1 0 1 0 1 1 0 0 0 0 1
```

In column 28, lines 53-57, below “1 1 0 0 1 1 0 1 0 1 0 0” delete “ ”.

Signed and Sealed this  
Thirtieth Day of August, 2011



David J. Kappos  
*Director of the United States Patent and Trademark Office*